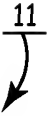


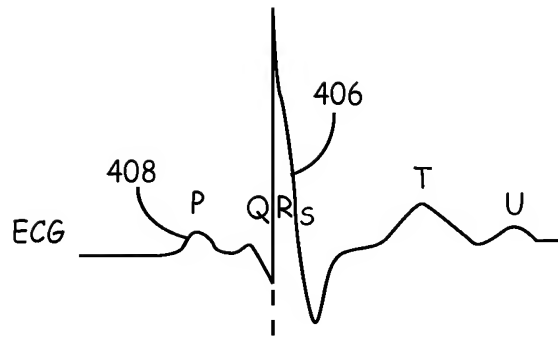
**FIG. 1**  
(PRIOR ART)



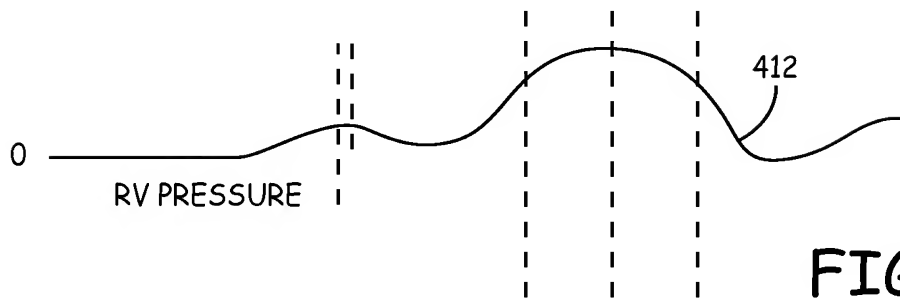
FIG. 2  
(PRIOR ART)



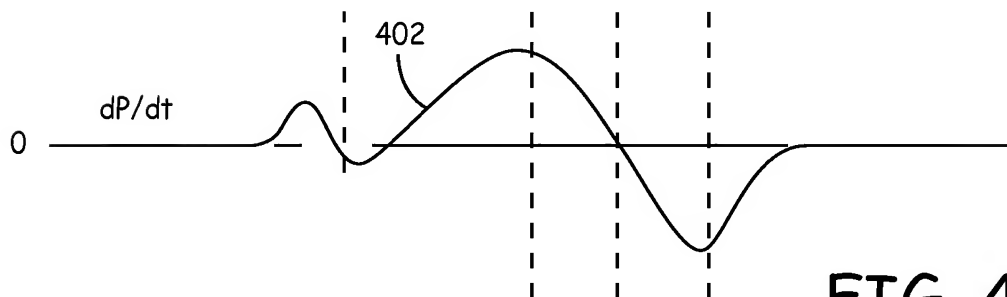
(PRIOR ART)



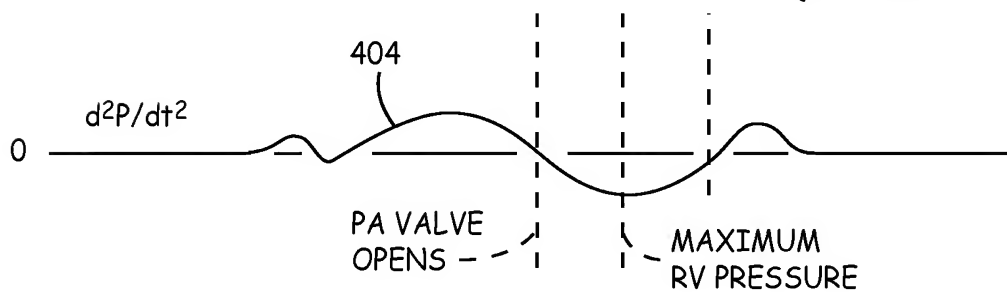
**FIG. 4A**  
(PRIOR ART)



**FIG. 4B**  
(PRIOR ART)



**FIG. 4C**  
(PRIOR ART)



PA VALVE  
OPENS - - -  
MAXIMUM  
RV PRESSURE

**FIG. 4D**  
(PRIOR ART)

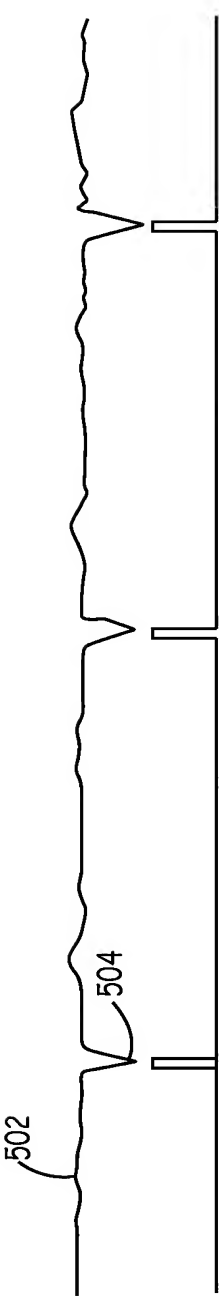


FIG. 5A  
(PRIOR ART)

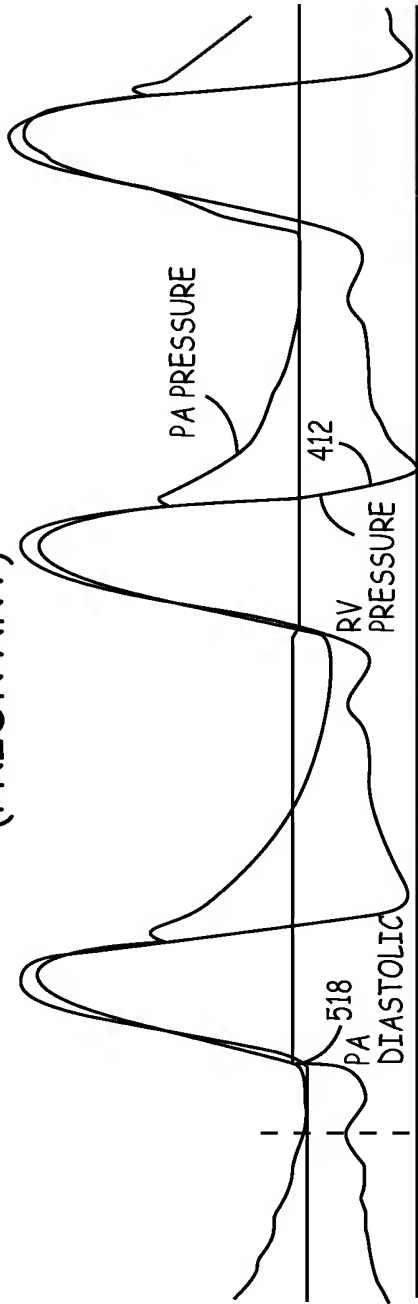


FIG. 5B  
(PRIOR ART)

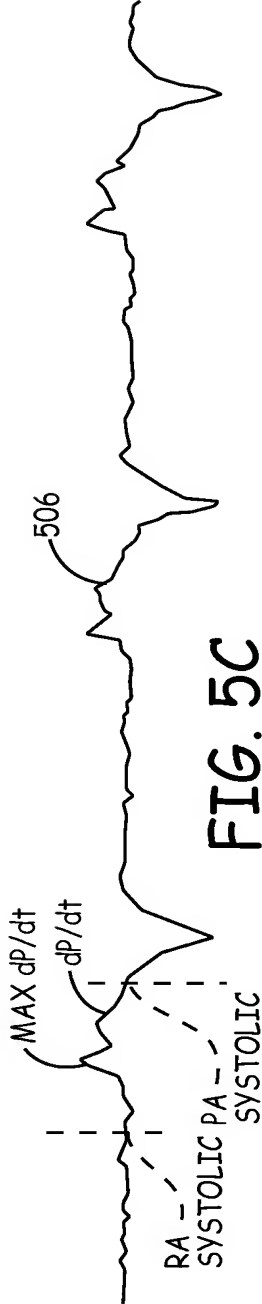
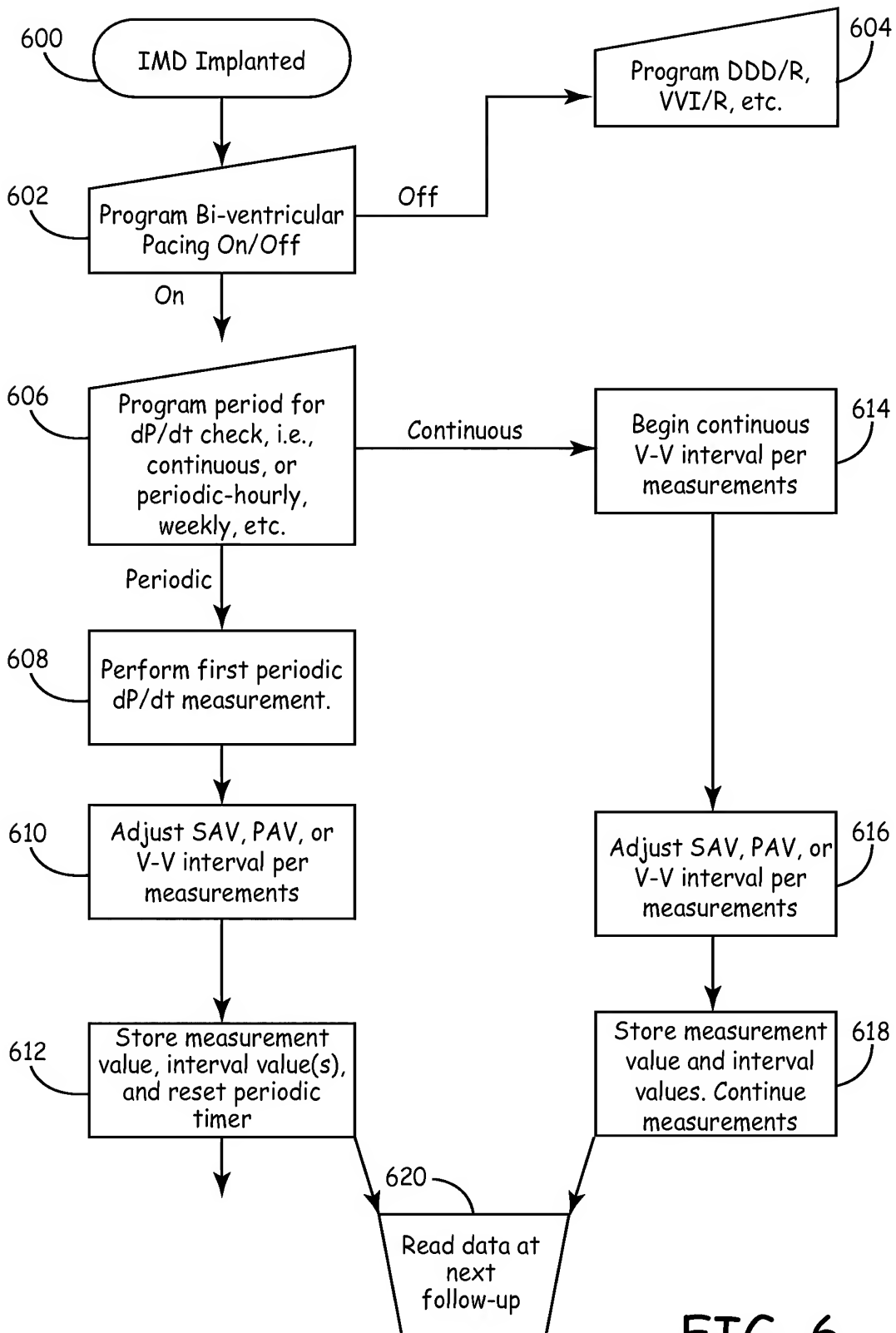


FIG. 5C  
(PRIOR ART)



**FIG. 6**  
(PRIOR ART)

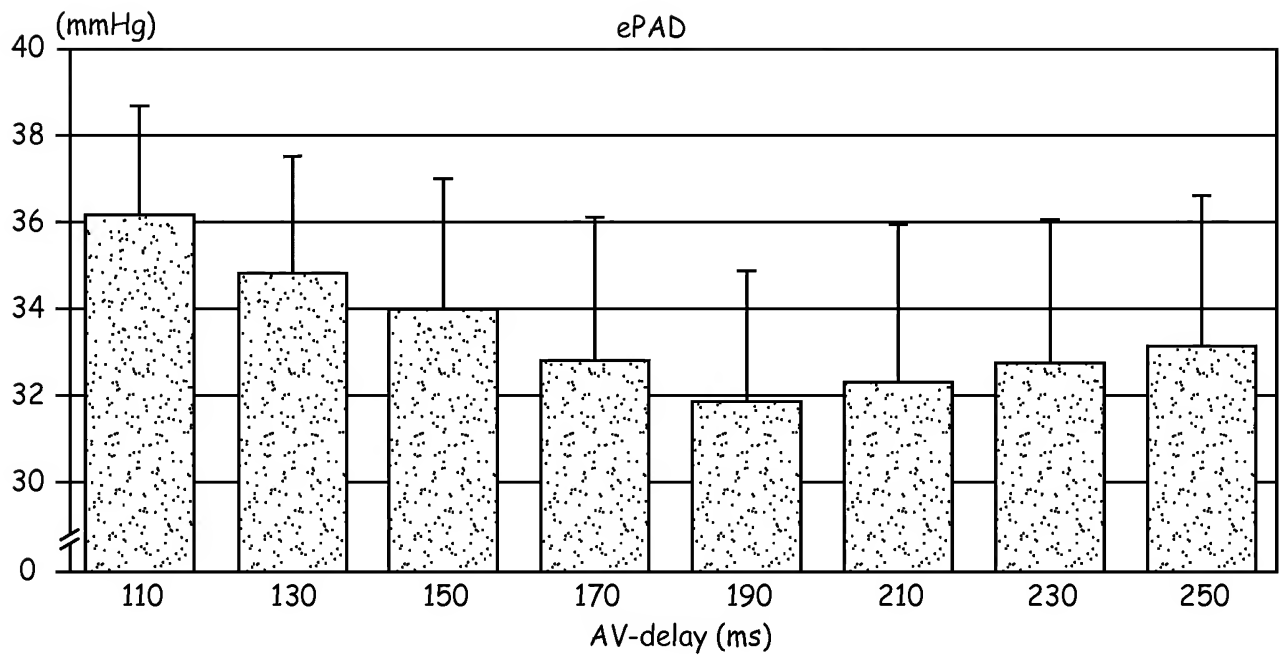


FIG. 7

## REPLACEMENT SHEET

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## Heart Rate Optimization

HR (bpm)	RVSP (mmHg)	RVDP (mmHg)	RVPP (mmHg)	Pos dP/dt (mmHg/sec)	ePAD (mmHg)
Spont (40)	52.3	17.6	34.0	224.6	30.6
50	53.6	18.1	34.9	223.5	31.1
60	52.1	17.7	33.5	231.3	30.1
70	53.5	15.3	37.2	267.5	30.2
80	52.7	14.3	36.9	301.2	29.8
90	51.8	12.8	37.5	307.0	28.3
100	50.1	12.2	36.3	341.1	26.8
110	48.5	12.3	34.9	369.5	26.5

HR=heart rate, RVSP=right ventricular systolic pressure, RVDP=right ventricular diastolic pressure, ePAD=estimated pulmonary artery diastolic pressure, RVPP=right ventricular pulse pressure

FIG. 8

# REPLACEMENT SHEET

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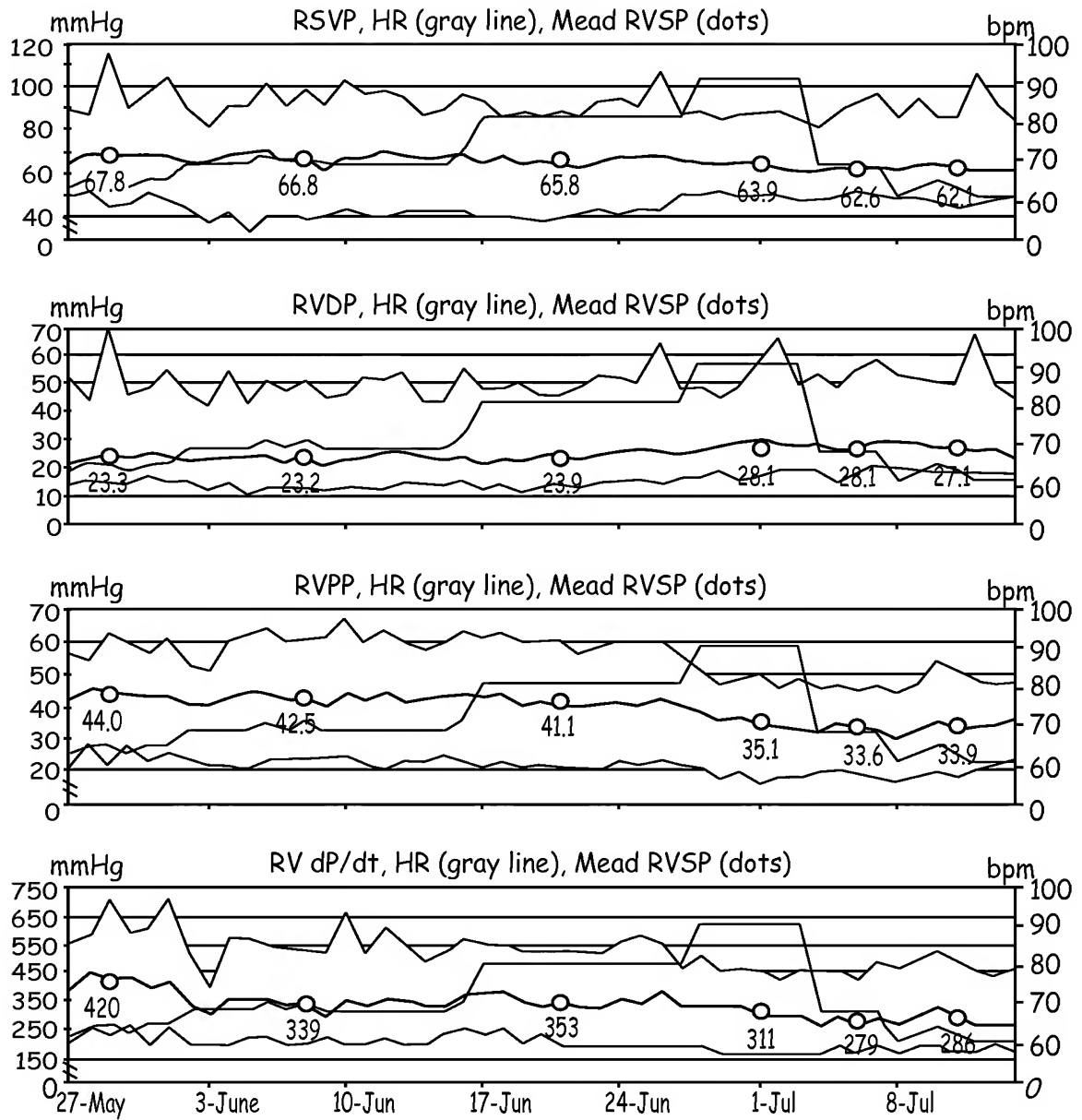


FIG. 9